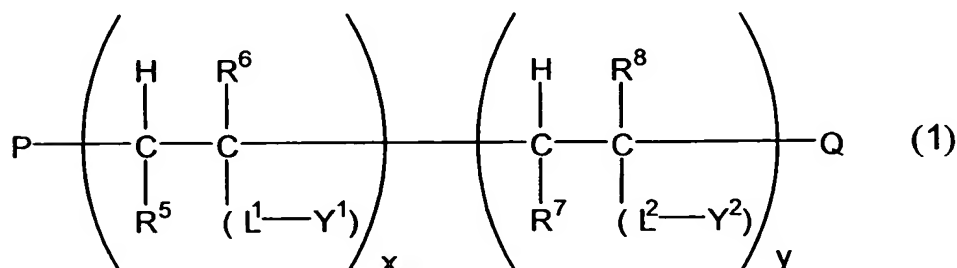


ABSTRACT OF THE DISCLOSURE

There are provided a film-forming composition that includes a hydrolysis product and/or a condensation product of a compound having a repeating unit represented by Formula (1) below.



(In the formula, at least one of P and Q is a silane coupling group represented by $-\text{L}^3-\text{Si}(\text{R}^3)_m(\text{OR}^4)_{3-m}$, R^3 to R^8 independently denote H or a hydrocarbon group (C1 to 8), m denotes 0, 1, or 2, x denotes 100 to 1 mol %, y denotes 0 to 99 mol %, and P and Q denote terminal groups; L^1 to L^3 independently denote a single bond or a divalent organic linking group, Y^1 and Y^2 independently denote $-\text{N}(\text{R}^9)(\text{R}^{10})$, $-\text{OH}$, $-\text{NR}^0\text{COR}^9$, $-\text{CON}(\text{R}^9)(\text{R}^{10})$, $-\text{OR}^9$, $-\text{CONR}^9_2$, $-\text{COR}^9$, $-\text{CO}_2\text{M}$, $-\text{COOR}^9$, or $-\text{SO}_3\text{M}$, in which R^0 , R^9 , and R^{10} independently denote H or alkyl (C1 to 8), R^0 and R^9 may form a ring, and M denotes H, an alkali metal, an alkaline earth metal, or onium.)